Amendments to the Claims

The listing of claims will replace all prior versions, and listings of claims in the application.

- 1-22. (Canceled)
- 23. (Original) A cationic lipid selected from the group consisting of: Bn-DHxRIE, DHxRIE-OAc, DHxRIE-OBz and Pr-DOctRIE-OAc.
- 24. (Original) The cationic lipid of claim 23, wherein said lipid is Bn-DHxRIE.
- 25. (Original) The cationic lipid of claim 23, wherein said lipid is DHxRIE-OAc.
- 26. (Original) The cationic lipid of claim 23, wherein said lipid is DHxRIE-OBz.
- 27. (Original) The cationic lipid of claim 23, wherein said lipid is Pr-DOctRIE-OAc.
- 28. (Currently amended) A method of producing a sterile formulation comprising:
 - (a) mixing
- (i) a cationic surfactant selected from the group consisting of Bn-DHxRIE, DHxRIE-OAc, DHxRIE-OBz and Pr-DOctRIE-OAc;
- (ii) a polyoxyethylene (POE) and polyoxypropylene (POP) block copolymer; and
 - (iii) a polynucleotide;

at a temperature below the cloud point of said block copolymer to form a mixture; and

Amdt. dated October 31, 2007 - 4 - Reply to Office Action of August 7, 2007

GEALL *et al.* Appl. No. 10/725,015

- (b) cold filtering the mixture to produce a sterile formulation; wherein said method does not include raising the temperature of the mixture above and below the eloud point of said block copolymer.
- 29. (Previously presented) The method of claim 28, further comprising aliquoting said formulation into a suitable container.
- 30. (Previously presented) The method of claim 28, wherein said block copolymer is of the general formula:

 $HO(C_2H_4O)_X(C_3H_6O)_Y(C_2H_4O)_XH$; wherein (y) represents a number such that the molecular weight of the hydrophobic POP portion (C_3H_6O) is up to approximately 20,000 daltons and wherein (x) represents a number such that the percentage of the hydrophilic POE portion (C_2H_4O) is between approximately 1% and 50% by weight.

- 31. (Previously presented) The method of claim 30, wherein said block copolymer is the poloxamer CRL-1005.
- 32. (Previously presented) The method of claim 28, wherein said block copolymer is of the general formula: $HO(C_3H_6O)_y(C_2H_4O)_x(C_3H_6O)_yH$ wherein (y) represents a number such that the molecular weight of the hydrophobic POP portion (C_3H_6O) is up to approximately 20,000 daltons and wherein (x) represents a number such that the percentage of hydrophilic POE portion (C_2H_4O) is between approximately 1% and 50% by weight.
- 33. (Previously presented) The method of claim 28, wherein said mixing is performed at a temperature of about -2°C to about 8°C.
- 34. (Previously presented) The method of claim 28, wherein said cold filtering is performed at a temperature of about -2°C to about 8°C.

Amdt. dated October 31, 2007 - 5 - Reply to Office Action of August 7, 2007

GEALL *et al*. Appl. No. 10/725,015

- 35. (Previously presented) The method of claim 28, wherein said cold filtering is performed using a filter with a pore size of about 0.01 microns to about 2 microns.
- 36. (Previously presented) The method of claim 28, wherein the final concentration of said cationic surfactant present in said formulation is from about 0.01mM to about 5mM.
- 37. (Previously presented) The method of claim 28, wherein the final concentration of said block copolymer present in said formulation is from about 1 mg/mL to about 50 mg/mL.
- 38. (Previously presented) The method of claim 28, wherein the final concentration of said polynucleotide present in said formulation is from about 1 ng/mL to about 10 mg/mL.
- 39. (Previously presented) The cationic lipid of claim 28, wherein said lipid is Bn-DHxRIE.
- 40. (Previously presented) The cationic lipid of claim 28, wherein said lipid is DHxRIE-OAc.
- 41. (Previously presented) The cationic lipid of claim 28, wherein said lipid is DHxRIE-OBz.
- 42. (Previously presented) The cationic lipid of claim 28, wherein said lipid is Pr-DOctRIE-OAc.
- 43. (New) The method of claim 28, wherein said method does not include raising the temperature of the mixture above the cloud point of said block copolymer.